



PATENT
50111/X6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No. : 7,106,917
Issued : September 12, 2006
Inventor(s) : Oskar J. Painter, et al.
Application No. : 10/037,146
Filed : December 21, 2001
Title : RESONANT OPTICAL MODULATORS

Confirmation No. 5613

REQUEST FOR CERTIFICATE OF CORRECTION

Office of Certificates of Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

P. O. Box 7068
Pasadena, CA 91109-7068
June 1, 2007

Commissioner:

Submitted herewith are two copies of a proposed Certificate of Correction for the above-referenced patent. The errors are identified in detail in the proposed certificate, and the corresponding text in the application is located as follows:

Location in Patent

Location in Application

PTO errors:

On the Title Page

(56) References Cited
Other Publications

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
Carl Arft, Diego R. Yankelovich, Andre
Knoesen. . .

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 1, 2nd Ref.

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 1st Ref.

IDS filed Jan. 23, 2004

Certificate
JUN 08 2007
of Correction

01/23/2004 TDSHAK1 00000000 7106917

01/23/2004

100 00 00

JUN 11 2007

I hereby certify that this correspondence is being deposited with the
U.S. Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-
1450 on:

June 1, 2007
(Date of Deposit)

U.S. Patent No. 7,106,917

(56) References Cited
Other Publications
pg. 2, Col. 2, 7th Ref.

IDS filed. Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 10th Ref.

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 11th Ref.

IDS filed May 14, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 12th Ref.

IDS filed May 14, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 12th Ref.

IDS filed May 14, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 13th Ref.

IDS filed Jun 7, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 16th Ref.

IDS filed Jun. 7, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 17th Ref.

IDS filed Jun. 7, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 18th Ref.

IDS filed Jun. 7, 2004

In the Claims

Column 44, line 58, Claim 67

Amendment dated Aug. 16, 2004, pg. 9, Claim 67, line 2

Column 45, line 11, Claim 70

Amendment dated Aug. 16, 2004, pg. 9, Claim 70, line 2

JUN 11 2007

U.S. Patent No. 7,106,917

Applicant errors:

On the Title Page

(56) References Cited
U.S. Patent Documents
pg. 2, Col. 1
5,281,247. . .

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 1, 4th Ref.

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications,
pg. 2, Col. 2, 18th Ref.


IDS filed Jun. 7, 2004

Applicant(s) errors were unintentional and inadvertent, and were made in good faith through oversight. Correction is accordingly requested under 35 U.S.C. § 255, and our check for the \$100 statutory fee is enclosed. Any deficiency or overpayment should be charged or credited to Deposit Account No. 03-1728. Please show our docket number with any credit or charge to our Deposit Account.

Correction of applicant(s) errors does not constitute new matter or require reexamination. Approval of this certificate is respectfully requested

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

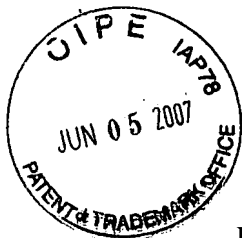
By 
Art Hasan
Reg. No. 41,057
626/795-9900

SAH/clv

Enclosures: Certificate of Correction (2)
Check \$100

CLV PAS737864.1.*-05/17/07 5:13 PM

JUN 11 2007



PATENT
50111/X6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No. : 7,106,917
Issued : September 12, 2006
Inventor(s) : Oskar J. Painter, et al.
Application No. : 10/037,146
Filed : December 21, 2001
Title : RESONANT OPTICAL MODULATORS

Confirmation No. 5613

REQUEST FOR CERTIFICATE OF CORRECTION

Office of Certificates of Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

P. O. Box 7068
Pasadena, CA 91109-7068
June 1, 2007

Commissioner:

Submitted herewith are two copies of a proposed Certificate of Correction for the above-referenced patent. The errors are identified in detail in the proposed certificate, and the corresponding text in the application is located as follows:

Location in Patent

Location in Application

PTO errors:

On the Title Page

(56) References Cited
Other Publications

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
Carl Arft, Diego R. Yankelovich, Andre
Knoesen. . . .

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 1, 2nd Ref.

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 1st Ref.

IDS filed Jan. 23, 2004

I hereby certify that this correspondence is being deposited with the
U.S. Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-
1450 on:
June 1, 2007
(Date of Deposit)

JUN 11 2007

U.S. Patent No. 7,106,917

(56) References Cited
Other Publications
pg. 2, Col. 2, 7th Ref.

IDS filed. Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 10th Ref.

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 11th Ref.

IDS filed May 14, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 12th Ref.

IDS filed May 14, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 12th Ref.

IDS filed May 14, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 13th Ref.

IDS filed Jun 7, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 16th Ref.

IDS filed Jun. 7, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 17th Ref.

IDS filed Jun. 7, 2004

(56) References Cited
Other Publications
pg. 2, Col. 2, 18th Ref.

IDS filed Jun. 7, 2004

In the Claims

Column 44, line 58, Claim 67

Amendment dated Aug. 16, 2004, pg. 9, Claim 67, line 2

Column 45, line 11, Claim 70

Amendment dated Aug. 16, 2004, pg. 9, Claim 70, line 2

11 2004

U.S. Patent No. 7,106,917

Applicant errors:

On the Title Page

(56) References Cited
U.S. Patent Documents
pg. 2, Col. 1
5,281,247. . .

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications
pg. 2, Col. 1, 4th Ref.

IDS filed Jan. 23, 2004

(56) References Cited
Other Publications,
pg. 2, Col. 2, 18th Ref.

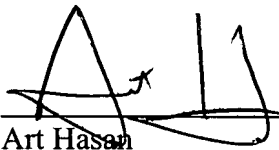
IDS filed Jun. 7, 2004

Applicant(s) errors were unintentional and inadvertent, and were made in good faith through oversight. Correction is accordingly requested under 35 U.S.C. § 255, and our check for the \$100 statutory fee is enclosed. Any deficiency or overpayment should be charged or credited to Deposit Account No. 03-1728. Please show our docket number with any credit or charge to our Deposit Account.

Correction of applicant(s) errors does not constitute new matter or require reexamination. Approval of this certificate is respectfully requested

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 
Art Hasan
Reg. No. 41,057
626/795-9900

SAH/clv

Enclosures: Certificate of Correction (2)
Check \$100

CLV PAS737864.1-*05/17/07 5:13 PM

JUN 11 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 7,106,917
APPLICATION NO.: 10/037,146
ISSUE DATE : Sep. 12, 2006
INVENTOR(S) : Painter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

(56) References Cited
Other Publications Insert "U.S. App. No. 09/788,303, filed Feb. 16, 2001, in the
name of Sercel et al.

(56) References Cited
Other Publications Delete "electroptic",
Insert --electrooptic--
Carl Arft, Diego R. Yankelovich,
Andre Knoesen. . . .

(56) References Cited
U.S. Patent Documents Delete "Haruiko et al.",
Insert --Aikawa et al.--
pg. 2, Col. 1
5,281,247. . .

(56) References Cited
Other Publications Delete "A. Fuji",
Insert --A. Fujii--
pg. 2, Col. 1, 2nd Ref.

(56) References Cited
Other Publications Delete "microrong",
Insert --microring--
pg. 2, Col. 1, 4th Ref.

(56) References Cited
Other Publications Delete "S.T. Chu H.A. Haus",
Insert --S.T. Chu, H.A. Haus--
pg. 2, Col. 2, 1st Ref.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

CHRISTIE, PARKER & HALE, LLP.
P.O. Box 7068
Pasadena, California 91109-7068

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUN 11 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 3

PATENT NO. : 7,106,917
APPLICATION NO.: 10/037,146
ISSUE DATE : Sep. 12, 2006
INVENTOR(S) : Painter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(56) References Cited Other Publications pg. 2, Col. 2, 7th Ref.	Delete "2422", Insert --2442--
(56) References Cited Other Publications pg. 2, Col. 2, 10th Ref.	After "D. Zhang", Insert --G. Zhang--
(56) References Cited Other Publications pg. 2, Col. 2, 11th Ref.	Delete "Dijik", Insert --Dijk--
(56) References Cited Other Publications pg. 2, Col. 2, 12th Ref.	Delete "Fores, J.S.", Insert --Foresi, J.S.--
(56) References Cited Other Publications pg. 2, Col. 2, 12th Ref.	Delete "Wavelenght", Insert --Wavelength--
(56) References Cited Other Publications pg. 2, Col. 2, 13th Ref.	Delete "Fiber-optics", Insert --Fiber-optic--
(56) References Cited Other Publications pg. 2, Col. 2, 16th Ref.	Delete "Allemand.", Insert --Allemand,--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

CHRISTIE, PARKER & HALE, LLP.
P.O. Box 7068
Pasadena, California 91109-7068

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUN 11 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 3 of 3

PATENT NO. : 7,106,917
APPLICATION NO.: 10/037,146
ISSUE DATE : Sep. 12, 2006
INVENTOR(S) : Painter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(56) References Cited Other Publications pg. 2, Col. 2, 17th Ref.	Delete "heterstructures", Insert --heterostructures--
---	--

(56) References Cited Other Publications pg. 2, Col. 2, 18th Ref.	Delete "Selectives", Insert --Selective--
---	--

(56) References Cited Other Publications, pg. 2, Col. 2, 18th Ref.	Delete "dielectric", Insert --dielectric--
--	---

In the Claims

Column 44, line 58, Claim 67	After "waveguide comprising", Insert --a--
------------------------------	---

Column 45, line 11, Claim 70	After "waveguide comprising", Insert --a--
------------------------------	---

MAILING ADDRESS OF SENDER (Please do not use customer number below):

CHRISTIE, PARKER & HALE, LLP.
P.O. Box 7068
Pasadena, California 91109-7068

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 11 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 7,106,917
APPLICATION NO.: 10/037,146
ISSUE DATE : Sep. 12, 2006
INVENTOR(S) : Painter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

(56) References Cited
Other Publications Insert "U.S. App. No. 09/788,303, filed Feb. 16, 2001, in the
name of Sercel et al.

(56) References Cited
Other Publications Delete "electroptic",
Insert --electrooptic--
Carl Arft, Diego R. Yankelovich,
Andre Knoesen. . . .

(56) References Cited
U.S. Patent Documents Delete "Haruiko et al.",
Insert --Aikawa et al.--
pg. 2, Col. 1
5,281,247. . .

(56) References Cited
Other Publications Delete "A. Fuji",
Insert --A. Fujii--
pg. 2, Col. 1, 2nd Ref.

(56) References Cited
Other Publications Delete "microrong",
Insert --microring--
pg. 2, Col. 1, 4th Ref.

(56) References Cited
Other Publications Delete "S.T. Chu H.A. Haus",
Insert --S.T. Chu, H.A. Haus--
pg. 2, Col. 2, 1st Ref.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

CHRISTIE, PARKER & HALE, LLP.
P.O. Box 7068
Pasadena, California 91109-7068

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUN 11 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 3

PATENT NO. : 7,106,917
APPLICATION NO.: 10/037,146
ISSUE DATE : Sep. 12, 2006
INVENTOR(S) : Painter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(56) References Cited Other Publications pg. 2, Col. 2, 7th Ref.	Delete "2422", Insert --2442--
(56) References Cited Other Publications pg. 2, Col. 2, 10th Ref.	After "D. Zhang", Insert --G. Zhang--
(56) References Cited Other Publications pg. 2, Col. 2, 11th Ref.	Delete "Dijk", Insert --Dijk--
(56) References Cited Other Publications pg. 2, Col. 2, 12th Ref.	Delete "Fores, J.S.", Insert --Foresi, J.S.--
(56) References Cited Other Publications pg. 2, Col. 2, 12th Ref.	Delete "Wavelenght", Insert --Wavelength--
(56) References Cited Other Publications pg. 2, Col. 2, 13th Ref.	Delete "Fiber-optics", Insert --Fiber-optic--
(56) References Cited Other Publications pg. 2, Col. 2, 16th Ref.	Delete "Allemand.", Insert --Allemand,--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

CHRISTIE, PARKER & HALE, LLP.
P.O. Box 7068
Pasadena, California 91109-7068

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUN 11 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 3 of 3

PATENT NO. : 7,106,917
APPLICATION NO.: 10/037,146
ISSUE DATE : Sep. 12, 2006
INVENTOR(S) : Painter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(56) References Cited Other Publications pg. 2, Col. 2, 17th Ref.	Delete "heterstructures", Insert --heterostructures--
---	--

(56) References Cited Other Publications pg. 2, Col. 2, 18th Ref.	Delete "Selectives", Insert --Selective--
---	--

(56) References Cited Other Publications, pg. 2, Col. 2, 18th Ref.	Delete "dielctric", Insert --dielectric--
--	--

In the Claims

Column 44, line 58, Claim 67	After "waveguide comprising", Insert --a--
------------------------------	---

Column 45, line 11, Claim 70	After "waveguide comprising", Insert --a--
------------------------------	---

MAILING ADDRESS OF SENDER (Please do not use customer number below):

CHRISTIE, PARKER & HALE, LLP.
P.O. Box 7068
Pasadena, California 91109-7068

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUN 11 2007